

CLAIMS

1. A method for manufacturing a polarizing plate in which a transparent protective film is provided on at least one surface of a polarizer with an adhesive layer
5 interposed therebetween, wherein

an adhesive is coated on a surface of the transparent protective film on which the adhesive layer is formed or/and a surface of the polarizer on which the adhesive layer is formed to form the adhesive layers, and thereafter,

10 an aqueous liquid is caused to be present on an adhering surface when the transparent protective film and the polarizer are continuously adhered to each other with the adhesive layer interposed therebetween.

2. The method for manufacturing the polarizing plate according to claim 1, wherein the polarizer is a polyvinyl alcohol-based polarizer and the transparent
15 protective film is a cellulose-based transparent protective film.

3. The method for manufacturing the polarizing plate according to claim 1 or 2, wherein a thickness of the polarizer is 35 μm or less.

20 4. The method for manufacturing the polarizing plate according to any one of claims 1 to 3, wherein the adhesive is a polyvinyl alcohol-based adhesive.

5. The method for manufacturing the polarizing plate according to claim 4, wherein the polyvinyl alcohol-based adhesive is a polyvinyl alcohol-based adhesive
25 having an acetoacetyl group.

6. The method for manufacturing the polarizing plate according to any one of claims 1 to 5, wherein the adhesive comprises a crosslinking agent.

30 7. The method for manufacturing the polarizing plate according to claim 6,

wherein the crosslinking agent is a methylol compound.

8. The method for manufacturing the polarizing plate according to any one of claims 1 to 7, wherein a thickness of the adhesive layer is in the range of 30 to 300 nm.

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9. The method for manufacturing the polarizing plate according to any one of claims 1 to 8, wherein a viscosity of the aqueous liquid is in the range of 0.1 to 10 cP.

10. The method for manufacturing the polarizing plate according to any one of claims 6 to 9, wherein the aqueous liquid is water.

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11. The method for manufacturing the polarizing plate according to any one of claims 1 to 9, wherein the aqueous liquid is an aqueous solution comprising a crosslinking agent dissolved therein.

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12. The method for manufacturing the polarizing plate according to claim 11, wherein the crosslinking agent is a methylol compound.

13. The method for manufacturing the polarizing plate according to any one of claims 1 to 12, wherein the aqueous liquid is supplied on an adhering surface between the transparent protective film and the polarizer.

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14. The method for manufacturing the polarizing plate according to any one of claims 1 to 12, wherein the adhesive is coated only onto the transparent protective film side and the aqueous liquid is supplied on the adhesive layer formed by the coating to thereby cause the aqueous liquid to be present on the adhering surface.

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15. The method for manufacturing the polarizing plate according to any one of claims 1 to 12, wherein the adhesive is coated only onto the transparent protective film side, while the aqueous liquid is supplied onto the polarizer side to thereby cause

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the aqueous liquid to be present on the adhering surface.

16. The method for manufacturing the polarizing plate according to any one of claims 1 to 12, wherein the adhesive is coated only onto the polarizer side, while the aqueous liquid is supplied onto the transparent protective film side to thereby cause the aqueous liquid to be present on the adhering surface.

17. The method for manufacturing the polarizing plate according to any one of claims 1 to 16, wherein the aqueous liquid is supplied onto an adhering surface just before adhesion when the transparent protective film and the polarizer are continuously adhered to each other with the adhesive layer interposed therebetween.

18. A polarizing plate obtained by the method according to any one of claims 1 to 17.

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19. An optical film comprising at least one polarizing plate according to claim 18.

20. An image viewing display comprising the polarizing plate according to claim 18 or the optical film according to claim 19.

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